

AWWA Water Audit Level 1 Validation

Water System Name: Nevada Irrigation District **Water System ID Number:** 3110026/North Auburn **Water Audit Period:** 2019

Water Audit & Water Loss Improvement Steps:

Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

In 2019 the District continued working towards replaced AMR meters with AMI meters and anticipates the complete replacement within five years. NID's neighboring agencies repaired and replaced broken import and export meters to ensure accurate water use. In those areas where there is no meter, NID continues to make improvements on record keeping and documentation of water imported and exported.

Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Greg Jones

Executive Name (Print)

Interim General Manager

Executive Position


Signature


Date

AWWA Water Audit Level 1 Validation – Review Document

Audit Information:

Utility: Nevada Irrigation District – North Auburn PWS ID: 3110026
 System Type: Potable Audit Period: Validation conducted for Calendar Year Audits 2018 and 2019
 Utility Representation: Aurora Tipton, Kaycee Strong
 Validation Date: 2/3/2021 Call Time: 10:00am PT Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics for CY2018:

Data Validity Score: 61 Data Validity Band (Level): Band III (51-70)
 ILI: 0.30 Real Loss: 6.45 (gal/conn/day)
 Apparent Loss: 15.01 (gal/conn/day)
 NRW as percent of cost of operating system: 0.8%

Key Audit Metrics for CY2019:

Data Validity Score: 65 Data Validity Band (Level): Band III (51-70)
 ILI: 0.74 Real Loss: 18.47 (gal/conn/day)
 Apparent Loss: 14.49 (gal/conn/day)
 NRW as percent of cost of operating system: 0.5%

Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

Validator Information:

Water Audit Validator: Will Jernigan, P.E. Validator Qualifications: WAV Certified

Validator Provided